

# Converting Colors

RGB(174, 227, 219)

Have a look what the booklet for  
RGB(174, 227, 219) contains.

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# **Color**

**RGB(174, 227, 219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEE3DB
RGB	174, 227, 219
RGB Percent	68%, 89%, 86%
CMY	0.3176, 0.1098, 0.1412
CMYK	0.23, 0.00, 0.04, 0.11
HSL	171°, 49%, 79%
HSV	171°, 23%, 89%
XYZ	57.7108, 69.0513, 77.3044
YIQ	210.2410, -29.0200, -13.7240

# Conversions

## Conversions Part 2

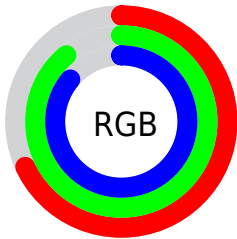
Format	Color
<b>RYB</b>	174, 203, 227
Decimal	11461595
CIELab	86.53, -18.54, -1.65
CIElCh	87, 18.618, 185.071
Yxy	69.0513, 0.2828, 0.3384
Android (android.graphics.Color)	4289651675 (0xFFAEE3DB)
YUV	210.2410, 4.3182, -31.7834
Hunter-Lab	83.0971, -21.4520, 3.0111

# Details

The RGB color **174, 227, 219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 174, 182**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **230, 255, 255**, and **120, 172, 164** is the 20% darker color. If you saturate the color by 10%, you get **151, 227, 216**, and if you desaturate by 10%, it is **197, 227, 222**.

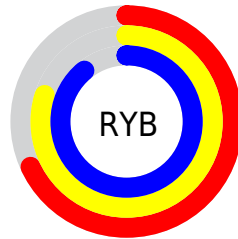
# Distribution



Red (68%)

Green (89%)

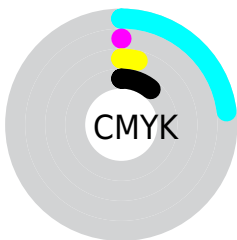
Blue (86%)



Red (68%)

Yellow (80%)

Blue (89%)

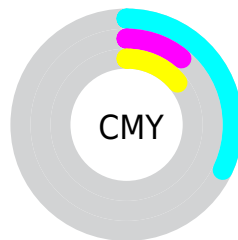


Cyan (23%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (32%)

Magenta (11%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 174, 227, 219 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 174, 227, 219 by changing the saturation by 10% instead.





 174, 227, 219


255, 255, 255


 230, 255, 255

 174, 227, 219


 147, 199, 191

 120, 172, 164

 94, 145, 138

 69, 119, 112

 44, 94, 88

 18, 70, 65


 0, 48, 43

 0, 28, 22

 0, 0, 0

 174, 227, 219

 174, 227, 219

 151, 227, 216

 197, 227, 222

 129, 227, 212

 219, 227, 226

 106, 227, 209

 242, 227, 229

 83, 227, 205

 255, 227, 233

 60, 227, 202

 255, 227, 236

 38, 227, 198

 255, 227, 240

 15, 227, 195

 255, 227, 243

 0, 227, 193

 255, 227, 246

 255, 227, 250

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 225, 201



174, 227, 219



171, 226, 236

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



174, 227, 219



224, 211, 245



244, 211, 185

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



174, 227, 219



227, 174, 182

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



253, 206, 197



174, 227, 219



242, 206, 232

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174, 227, 219



201, 217, 251



253, 204, 214



228, 216, 182

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174, 227, 219



176, 224, 245



253, 204, 214



248, 209, 188



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



174, 227, 219



237, 255, 252



183, 227, 174



117, 128, 126



0, 0, 0



128, 128, 128

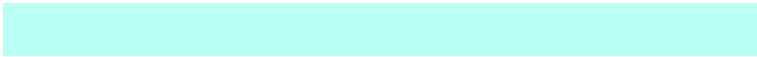


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174, 227, 219



184, 255, 244



174, 209, 227



103, 115, 113



0, 179, 152



0, 51, 43



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



227, 174, 182



255, 184, 194



227, 192, 174



115, 103, 105



179, 0, 27

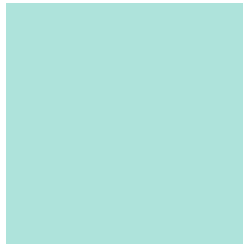


51, 0, 8



# Previews

## White Background



This preview shows how the RGB color 174, 227, 219 looks on a white background.

## Color Contrast Check

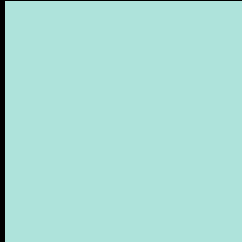
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 174, 227, 219 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

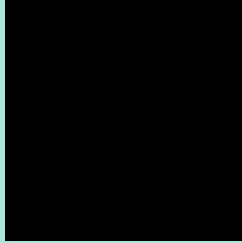
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

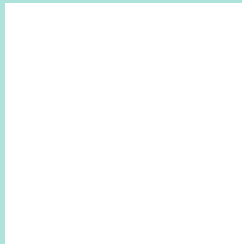
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 174, 227, 219 Background



This preview shows how black text looks on a background with the RGB color 174, 227, 219.

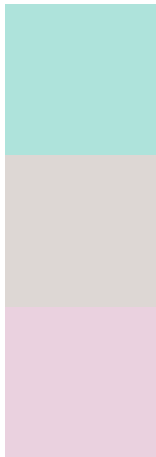


This preview shows how white text looks on a background with the RGB color 174, 227, 219.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
174, 227, 219

**Protanopia**  
221, 215, 212

**Deuteranopia**  
234, 209, 223



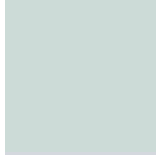
**Tritanopia**  
179, 224, 241

# Trichromacy



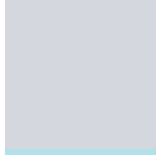
**Original Color**

174, 227, 219



**Protanomaly**

204, 219, 215



**Deuteranomaly**

212, 216, 222



**Tritanomaly**

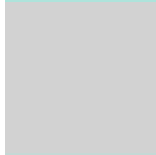
177, 225, 233

# Monochromacy



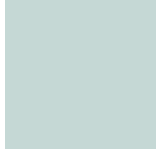
**Original Color**

174, 227, 219



**Achromatopsia**

210, 210, 210



**Achromatomaly**

197, 216, 213

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 174, 227, 219 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 227, 219)` looks like.

```
.text, #text, p{  
    color:rgb(174, 227, 219)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 227, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 227, 219) }
```

## Border

The CSS property to change the border of an element to RGB 174, 227, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 227, 219) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(174, 227, 219) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(174, 227, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 227, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 227, 219);  
box-shadow:4px 4px 4px 4px rgb(174, 227,  
219) }
```

# Background

The CSS property to change the background color of an element to RGB 174, 227, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 227, 219) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
227, 219) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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